

Declaration and Power of Attorney for Patent Application

Erklärung für Patentanmeldungen mit Vollmacht



German Language Declaration

Als nachstehend benannter Erfinder erkläre ich hiermit an Eides Statt:

As a below named inventor, I hereby declare that:

daß mein Wohnsitz, meine Postanschrift und meine Staatsangehörigkeit den im nachstehenden nach meinem Namen aufgeführten Angaben entsprechen, daß ich nach bestem Wissen der ursprüngliche, erste und alleinige Erfinder (falls nachstehend nur ein Name angegeben ist) oder ein ursprünglicher, erster und Miterfinder (falls nachstehend mehrere Namen aufgeführt sind) des Gegenstandes bin, für den dieser Antrag gestellt wird und für den ein Patent für die Erfindung mit folgendem Titel beantragt wird:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TWIST DRILL

deren Beschreibung hier beigefügt ist, es sei denn (in diesem Falle Zutreffendes bitte ankreuzen), diese Erfindung

the specification of which is attached hereto unless the following box is checked:

☐ wurde angemeldet am _____ unter der US-Anmeldenummer oder unter der Internationalen Anmeldenummer im Rahmen des Vertrags über die Zusammenarbeit auf dem Gebiet des Patentwesens (PCT) _____ und am _____ abgeändert (falls zutreffend).

☒ was filed on December 17, 2003 as United States Application Number or PCT International Application Number 10/738,469 and was amended on _____ (if applicable).

Ich bestätige hiermit, daß ich den Inhalt der oben angegebenen Patentanmeldung, einschließlich der Ansprüche, die eventuell durch einen oben erwähnten Zusatzantrag abgeändert wurde, durchgesehen und verstanden habe.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

Ich erkenne meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Titel 37, Code of Federal Regulations, § 1.56 von Belang sind.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

German Language Declaration

Ich beanspruche hiermit ausländische Prioritätsvorteile gemäß Title 35, US-Code, § 119 (a)-(d), bzw. § 365(b) aller unten aufgeführten Auslandsanmeldungen für Patente oder Erfinderurkunden, oder §365(a) aller PCT internationalen Anmeldungen, welche wenigstens ein Land ausser den Vereinigten Staaten von Amerika benennen, und habe nachstehend durch ankreuzen sämtliche Auslands- anmeldungen für Patente bzw. Erfinderurkunden oder PCT internationale Anmeldungen angegeben, deren Anmeldetag dem der Anmeldung, für welche Priorität beansprucht wird, vorangeht.

I hereby claim foreign priority under Title 35, United States Code, §119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Applications
(Frühere ausländische Anmeldungen)

Priority Not Claimed
Priorität nicht beansprucht

(Number) (Country)
(Number) (Land)

(Day/Month/Year Filed)
(Tag/Monat/Jahr der Anmeldung)



(Number) (Country)
(Number) (Land)

(Day/Month/Year Filed)
(Tag/Monat/Jahr der Anmeldung)



Ich beanspruche hiermit Prioritätsvorteile unter Title 35, US-Code, § 119(e) aller US-Hilfsanmeldungen wie unten aufgezählt.

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

(Application No.) (Filing Date)
(Aktenzeichen) (Anmeldetag)

(Application No.) (Filing Date)
(Aktenzeichen) (Anmeldetag)

Ich beanspruche hiermit die mir unter Title 35, US-Code, § 120 zustehenden Vorteile aller unten aufgeführten US-Patentanmeldungen bzw. § 365(c) aller PCT internationalen Anmeldungen, welche die Vereinigten Staaten von Amerika benennen, und erkenne, insofern der Gegenstand eines jeden früheren Anspruchs dieser Patentanmeldung nicht in einer US-Patentanmeldung, bzw. PCT internationalen Anmeldung in in einer gemäß dem ersten Absatz von Title 35, US-Code, § 112 vorgeschriebenen Art und Weise offenbart wurde, meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Title 37, Code of Federal Regulations, § 1.56 von Belang sind und die im Zeitraum zwischen dem Anmeldetag der früheren Patentanmeldung und dem nationalen oder im Rahmen des Vertrags über die Zusammenarbeit auf dem Gebiet des Patentwesen (PCT) gültigen internationalen Anmeldetags bekannt geworden sind.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application No.) (Filing Date)
(Aktenzeichen) (Anmeldetag)

(Status) (patented, pending, abandoned)
(Status) (patentiert, schwebend, aufgegeben)

(Application No.) (Filing Date)
(Aktenzeichen) (Anmeldetag)

(Status) (patented, pending, abandoned)
(Status) (patentiert, schwebend, aufgegeben)

Ich erkläre hiermit, daß alle in der vorliegenden Erklärung von mir gemachten Angaben nach bestem Wissen und Gewissen der Wahrheit entsprechen, und ferner daß ich diese eidesstattliche Erklärung in Kenntnis dessen ablege, daß wissentlich und vorsätzlich falsche Angaben oder dergleichen gemäß § 1001, Title 18 des US-Code strafbar sind und mit Geldstrafe und/oder Gefängnis bestraft werden können und daß derartige wissentlich und vorsätzlich falsche Angaben die Rechtswirksamkeit der vorliegenden Patentanmeldung oder eines aufgrund deren erteilten Patentes gefährden können.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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German Language Declaration

VERTRETUNGSVOLMACHT: Als benannter Erfinder beauftrage ich hiermit den (die) nachstehend aufgeführten Patentanwalt (Patentanwälte) und/oder Vertreter mit der Verfolgung der vorliegenden Patentanmeldung sowie mit der Abwicklung aller damit verbundenen Angelegenheiten vor dem US-Patent-und Markenamt: (Name(n) und Registrationsnummer(n) auflisten)

Postanschrift:

Telefonische Auskünfte: (Name und Telefonnummer)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number)

Larry R. Meenan, Reg. No. 33,423

John J. Prizzi, Reg. No. 29,970

Stephen T. Belsheim, Reg. No. 28,688

James G. Porcelli, Reg. No. 33,757

Stephen A. Bucchianeri, Reg. No. 54,928

Send Correspondence to:

Larry R. Meenan, Esq.

Kennametal Inc.

1600 Technology Way

Latrobe, PA 15650-0231

Direct Telephone Calls to: (name and telephone number)

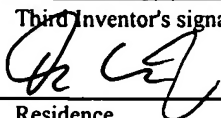
Larry R. Meenan, Esq. (Phone: 724-539-5485)

| | | |
|---|---|--------------------------------------|
| Vor- und Zuname des einzigen oder ersten Erfinders | Full name of sole or first inventor Bernhard W. Borschert | |
| Unterschrift des Erfinders | Datum | Inventor's signature B. Borschert |
| | | Date 07. May 04 |
| Wohnsitz | Residence | |
| Staatsangehörigkeit | Citizenship German | |
| Postanschrift | Post Office Address Ignaz-Wolf-Str. 3 96050 Bamberg | |
| Vor- und Zuname des zweiten Miterfinders (falls zutreffend) | Full name of second joint inventor, if any Jerome C. Hanna | |
| Unterschrift des zweiten Erfinders | Datum | Second Inventor's signature |
| | | Date |
| Wohnsitz | Residence 1207 Ridgeview Drive, Greensburg, Pennsylvania 15601 | |
| Staatsangehörigkeit | Citizenship U.S.A. | |
| Postanschrift | Post Office Address 1207 Ridgeview Drive, Greensburg, Pennsylvania 15601 | |

(Im Falle dritter und weiterer Miterfinder Miterfinder sind die entsprechenden Informationen und Unterschriften hinzuzufügen.)

(Supply similar information and signature for third and subsequent joint inventors.)

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | |
|---|---|
| Vor- und Zuname des dritten Erfinders (falls zutreffend) | Full name of third joint inventor, if any |
| | Tilo Krieg |
| Unterschrift des dritten Erfinders Datum | Third Inventor's signature Date |
| |  19.05.04 |
| Wohnsitz | Residence |
| | Drudenweg 9a, 90768 Fürth |
| Staatsangehörigkeit | Citizenship |
| | Germany |
| Postanschrift | Post Office Address |
| | Drudenweg 9a, 90768 Fürth |
| Vor- und Zuname des vierten Erfinders (falls zutreffend) | Full name of fourth joint inventor, if any |
| | Larry R. Meenan |
| Unterschrift des vierten Erfinders Datum | Fourth Inventor's signature Date |
| | |
| Wohnsitz | Residence |
| | 1146 Chaucer Drive, Greensburg, Pennsylvania 15601 |
| Staatsangehörigkeit | Citizenship |
| | U.S.A. |
| Postanschrift | Post Office Address |
| | 1146 Chaucer Drive, Greensburg, Pennsylvania 15601 |
| Vor- und Zuname des fünften Erfinders (falls zutreffend) | Full name of fifth joint inventor, if any |
| | Michael D. Shultz |
| Unterschrift des fünften Erfinders Datum | Fifth Inventor's signature Date |
| | |
| Wohnsitz | Residence |
| | 171 Countryside Lane, Derry, Pennsylvania 15627 |
| Staatsangehörigkeit | Citizenship |
| | U.S.A. |
| Postanschrift | Post Office Address |
| | 171 Countryside Lane, Derry, Pennsylvania 15627 |
| Vor- und Zuname des sechsten Erfinders (falls zutreffend) | Full name of sixth joint inventor, if any |
| | |
| Unterschrift des sechsten Erfinders Datum | Sixth Inventor's signature Date |
| | |
| Wohnsitz | Residence |
| | |
| Staatsangehörigkeit | Citizenship |
| | |
| Postanschrift | Post Office Address |
| | |

**COMBINED DECLARATION AND POWER OF ATTORNEY***(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT OR CIP APPLICATION)*

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: TWIST DRILL

the specification of which: *(complete (a), (b) or (c) for type of application)***REGULAR OR DESIGN APPLICATION**

- (a) ☐ is attached hereto.
(b) ☒ was filed on December 17, 2003 as Application Serial No. 10/738,469 and was amended on _____.

PCT FILED APPLICATION ENTERING NATIONAL STAGE

- (c) ☐ was described and claimed in International Application No. _____ filed on _____ and as amended on _____.

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations. §1.56(a).

- ☐ In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.97.

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

(complete (d) or (e))

- (d) ☒ no such applications have been filed.
(e) ☐ such applications have been filed as follows:

**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO SAID APPLICATION**

| <u>Country</u> | <u>Application No.</u> | <u>Date of Filing (day, month, year)</u> | <u>Date of Issue (day, month, year)</u> | <u>Priority Claimed</u> |
|----------------|------------------------|--|---|-------------------------|
| _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ |

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|----------------|------------------------|--|---|-------------------------|
| _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ |

CONTINUATION-IN-PART*(complete this part only if this is a continuation-in-part application)*

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| (Application Serial No.) | (Filing Date) | (Status) | (patented, pending, abandoned) |
|--------------------------|---------------|----------|--------------------------------|
|--------------------------|---------------|----------|--------------------------------|

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|--------------------------|---------------|----------|--------------------------------|
|--------------------------|---------------|----------|--------------------------------|

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.
(List name and registration number)

| | |
|---------------------|-------------------------|
| John J. Prizzi | Registration No. 29,970 |
| Larry R. Meenan | Registration No. 33,423 |
| Kevin P. Weldon | Registration No. 47,307 |
| Stanislav Antolin | Registration No. 34,979 |
| James G. Porcelli | Registration No. 33,757 |
| Stephen T. Belsheim | Registration No. 28,688 |
| John M. Halan | Registration No. 35,534 |
| Thomas W. Cole | Registration No. 28,290 |
| Thomas Lizzi | Registration No. 35,252 |

SEND CORRESPONDENCE TO:

Larry R. Meenan
 Kennametal Inc.
 P. O. Box 231
 Latrobe, PA 15650

DIRECT TELEPHONE CALLS TO:

Larry R. Meenan
 (724) 539-5485

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor Bernhard W. Borschert

Inventor's signature _____

Date _____ Country of Citizenship Germany

Residence Ignaz-Wolf-Strasse 3, D-96050 Bamberg, Germany

Post Office Address Ignaz-Wolf-Strasse 3, D-96050 Bamberg, Germany

Full name of second joint inventor, if any Jerome C. Hanna

Inventor's signature Jerome C. Hanna

Date May 5, 2004 Country of Citizenship U.S.A.

Residence 1207 Ridgeview Drive, Greensburg, Pennsylvania 15601

Post Office Address 1207 Ridgeview Drive, Greensburg, Pennsylvania 15601

CHECK PROPER BOX(ES) FOR ANY ADDED PAGE(S) FORMING A PART OF THIS DECLARATION

- ☒ [X] Signature for third and subsequent joint inventors.
Number of pages added 1.
- ☐ [] Signature by administrator(trix), executor(trix) or legal representative for deceased or
incapacitated inventor. Number of pages added ____.
- ☐ [] Signature for inventor who refuses to sign or cannot be reached by person authorized under
35 CFR 1.47. Number of pages added ____.

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SIGNATURE BY
THIRD AND SUBSEQUENT INVENTORSFull name of third joint inventor, if any Tilo Krieg

Inventor's signature _____

Date _____ Country of Citizenship GermanyResidence Drudenweg 9a, D-90768 Fürth, GermanyPost Office Address Drudenweg 9a, D-90768 Fürth, GermanyFull name of fourth joint inventor, if any Larry R. Meenan

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.Residence 1146 Chaucer Drive, Greensburg, Pennsylvania 15601Post Office Address 1146 Chaucer Drive, Greensburg, Pennsylvania 15601Full name of fifth joint inventor, if any Michael D. Shultz

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.Residence 171 Countryside Lane, Derry, Pennsylvania 15627Post Office Address 171 Countryside Lane, Derry, Pennsylvania 15627

Full name of sixth joint inventor, if any _____

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence _____

Post Office Address _____

Full name of seventh joint inventor, if any _____

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence _____

Post Office Address _____



COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT OR CIP APPLICATION)

As a below named inventor, I hereby declare that:

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the specification of which: (complete (a), (b) or (c) for type of application)

REGULAR OR DESIGN APPLICATION

- (a) ☐ is attached hereto.
(b) ☒ was filed on December 17, 2003 as Application Serial No. 10/738,469 and was amended on _____.

PCT FILED APPLICATION ENTERING NATIONAL STAGE

- (c) ☐ was described and claimed in International Application No. _____ filed on _____ and as amended on _____.

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- ☐ In compliance with this duty there is attached an information disclosure statement. 37 CFR 1.97.

PRIORITY CLAIM

I hereby claim foreign priority benefits under Title 35, United States Code §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

(complete (d) or (e))

- (d) ☒ no such applications have been filed.
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**EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
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| Stanislav Antolin | Registration No. 34,979 |
| James G. Porcelli | Registration No. 33,757 |
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| John M. Halan | Registration No. 35,534 |
| Thomas W. Cole | Registration No. 28,290 |
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 (724) 539-5485

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Date _____ Country of Citizenship Germany

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Post Office Address Ignaz-Wolf-Strasse 3, D-96050 Bamberg, Germany

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Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence 1207 Ridgeview Drive, Greensburg, Pennsylvania 15601

Post Office Address 1207 Ridgeview Drive, Greensburg, Pennsylvania 15601

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- ☒ [X] Signature for third and subsequent joint inventors.
 Number of pages added 1.
- ☐ [] Signature by administrator(trix), executor(trix) or legal representative for deceased or
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- ☐ [] Signature for inventor who refuses to sign or cannot be reached by person authorized under
 35 CFR 1.47. Number of pages added ____.

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SIGNATURE BY
THIRD AND SUBSEQUENT INVENTORSFull name of third joint inventor, if any Tilo Krieg

Inventor's signature _____

Date _____ Country of Citizenship GermanyResidence Drudenweg 9a, D-90768 Fürth, GermanyPost Office Address Drudenweg 9a, D-90768 Fürth, GermanyFull name of fourth joint inventor, if any Larry R. Meenan

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.Residence 1146 Chaucer Drive, Greensburg, Pennsylvania 15601Post Office Address 1146 Chaucer Drive, Greensburg, Pennsylvania 15601Full name of fifth joint inventor, if any Michael D. ShultzInventor's signature Michael D. ShultzDate MAY 4, 2004 Country of Citizenship U.S.A.Residence 171 Countryside Lane, Derry, Pennsylvania 15627Post Office Address 171 Countryside Lane, Derry, Pennsylvania 15627

Full name of sixth joint inventor, if any _____

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence _____

Post Office Address _____

Full name of seventh joint inventor, if any _____

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence _____

Post Office Address _____



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(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT OR CIP APPLICATION)

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PCT FILED APPLICATION ENTERING NATIONAL STAGE

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| _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ |

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| Country | Application No. | Date of Filing (day, month, year) | Date of Issue (day, month, year) | Priority Claimed |
|---------|-----------------|--------------------------------------|-------------------------------------|------------------|
| _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ |

CONTINUATION-IN-PART*(complete this part only if this is a continuation-in-part application)*

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| (Application Serial No.) | (Filing Date) | (Status) | (patented, pending, abandoned) |
|--------------------------|---------------|----------|--------------------------------|
| (Application Serial No.) | (Filing Date) | (Status) | (patented, pending, abandoned) |

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.
(List name and registration number)

| | |
|---------------------|-------------------------|
| John J. Prizzi | Registration No. 29,970 |
| Larry R. Meenan | Registration No. 33,423 |
| Kevin P. Weldon | Registration No. 47,307 |
| Stanislav Antolin | Registration No. 34,979 |
| James G. Porcelli | Registration No. 33,757 |
| Stephen T. Belsheim | Registration No. 28,688 |
| John M. Halan | Registration No. 35,534 |
| Thomas W. Cole | Registration No. 28,290 |
| Thomas Lizzi | Registration No. 35,252 |

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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Inventor's signature _____

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Full name of second joint inventor, if any Jerome C. Hanna

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CHECK PROPER BOX(ES) FOR ANY ADDED PAGE(S) FORMING A PART OF THIS DECLARATION

- ☒ [X] Signature for third and subsequent joint inventors.
Number of pages added 1.
- ☐ [] Signature by administrator(trix), executor(trix) or legal representative for deceased or incapacitated inventor. Number of pages added ____.
- ☐ [] Signature for inventor who refuses to sign or cannot be reached by person authorized under 35 CFR 1.47. Number of pages added ____.

ADDED PAGE TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR SIGNATURE BY
THIRD AND SUBSEQUENT INVENTORSFull name of third joint inventor, if any Tilo Krieg

Inventor's signature _____

Date _____ Country of Citizenship GermanyResidence Drudenweg 9a, D-90768 Fürth, GermanyPost Office Address Drudenweg 9a, D-90768 Fürth, GermanyFull name of fourth joint inventor, if any Larry R. MeenanInventor's signature Larry R. MeenanDate May 24, 2004 Country of Citizenship U.S.A.Residence 1146 Chaucer Drive, Greensburg, Pennsylvania 15601Post Office Address 1146 Chaucer Drive, Greensburg, Pennsylvania 15601Full name of fifth joint inventor, if any Michael D. Shultz

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.Residence 171 Countryside Lane, Derry, Pennsylvania 15627Post Office Address 171 Countryside Lane, Derry, Pennsylvania 15627

Full name of sixth joint inventor, if any _____

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

Residence _____

Post Office Address _____

Full name of seventh joint inventor, if any _____

Inventor's signature _____

Date _____ Country of Citizenship U.S.A.

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